

ABSTRACT OF THE DISCLOSURE

An axial compliant mounting system for a scroll machine positions the centroid reaction of the mounting system toward the top of a mounting bore extending through the axial compliant scroll member. The mounting system defines a first clearance located near the top of the mounting bore and a second clearance located near the bottom of the mounting bore. The positioning of the centroid reaction for the mounting system is accomplished by designing the second clearance larger than the first clearance.